



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

Department of Administrative Services

D'ARCY DIXON PIGNANELLI  
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN  
Director

## ADDENDUM #1

Date: 6 March 2006

To: Contractors

From: Jeff Reddoor, Project Manager, DFCM

Reference: South Western Utah Youth Facility HVAC System Upgrade  
Division of Youth Corrections  
DFCM Project No. 05128430

Subject: **Addendum No. 1**

Pages	Addendum	1 pages
	<u>Attachment</u>	<u>11 pages</u>
	<b>Total</b>	<b>12 pages</b>

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***Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.***

### 1.1 GENERAL

“See Attached WHW Engineering, Inc Addendum”

End of Addendum

# ADDENDUM

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Project Name: South Western Utah Youth Facility  
HVAC System Upgrade  
Division of Youth Corrections

Addendum No.: One (1)

DFCM Project # 05128430

Date: March 6, 2006

From: WHW Engineering Inc  
1354 East 3300 South Suite 200  
Salt Lake City, Utah 84106  
Phone (801) 466-4021 Fax (801) 466-8536

To: All Contractors

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This Addendum forms and becomes a part of the Contract Documents and modifies the original Bidding Documents dated 02/08/06 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 9 page.

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## **I - CHANGES TO PRIOR ADDENDA: N/A**

## **II - CHANGES TO BIDDING REQUIREMENTS:**

**Item II -1.** Add alternate number One (1) to Bid form.

## **III - CHANGES TO AGREEMENT & OTHER CONTRACT FORMS: N/A**

## **IV – CHANGES/CLARIFICATIONS TO CONDITIONS OF THE CONTRACT: N/A**

## **V - CHANGES/CLARIFICATIONS TO SPECIFICATIONS:**

**Item V-1.** Specifications Division 15 - Mechanical: Section 15441, 15486 and 15550, pertaining to the hot water generator system shall become a part of alternate number one.

**Item V-2.** Specifications Division 15 - Mechanical: Section 15855 - The openings for the security registers in the residence rooms shall be small enough that the resident cannot thread any strings, etc. through the openings.

**Item V-3.** Specifications require a true Lon based control. All existing wiring, controls, controllers, etc. will be removed and not reused. The existing communication wire is 18/2 shielded and must be replaced.

**Item V-4.** Style of sensors in the office shall be blank plates.

**Item V-5.** The new operator work station shall be located in the trailer next to the facilities. The trailer is already networked together with the main building.

## VI - CHANGES/CLARIFICATIONS TO DRAWINGS:

- Item VI-1.** Provide new double door into upper mechanical room for access from the roof. See attached drawings (6). Relocate the existing control box and conduits west of the new doors. Relocate the existing upper roof drain drops back into the boiler room. Exit the boiler room in the south west corner. Patch all wall openings if not part of the new door installation.
- Item VI-2.** Relocate the existing 2 inch vent piping to miss the new door installation. Use existing roof penetration and vent piping.
- Item VI-3.** Sheet MD101 Note 3. Remove only the refrigerant piping at the exterior of the building and in the emergency generator room. Cap at west wall of generator room. Patch holes at entrance to building. Existing refrigerant piping in ceiling space shall be abandoned in place. Remove refrigerant.
- Item VI-4.** Sheet MD 101 note 4. Remove only the risers, cap under floor and patch over floor opening.
- Item VI-5.** Alternate Number One (1) - The contract documents have the removal of the existing culinary hot water generator system and the installation of the new culinary hot water generator system as a base bid item. This item will now become additive alternate #1. The following sheets and sheet notes will be affected:

<u>Sheet</u>	<u>Detail</u>	<u>Notes</u>
ME 102	B3	2, 3, 4
MD 401	Large Scale	9, 10, 17, 29, 30
ME 401	Large Scale	4, 11, 12
ME 502	A 2	
ME 601	Schedule WH-1 P-5 & P-6	
ED 201	Level Two Enlarged	6
EP 201	Level Two Enlarged	7
EG 101	Schedule P-5, P-6	

## PRIOR APPROVALS

THE FOLLOWING ITEMS, AS SUBMITTED, ARE CONSIDERED, IN GENERAL AND IN NAME ONLY, AS EQUAL TO THOSE ITEMS SPECIFIED. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OR SUPPLIER OF THE RESPONSIBILITY OF CONFORMING TO THE DRAWINGS AND SPECIFICATIONS, NOR DOES IT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS FOR COORDINATION WITH OTHER TRADES. ALL DIMENSIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOBSITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND THE SUITABILITY OF "EQUAL" PRODUCTS FOR THE SPECIFIED APPLICATION.

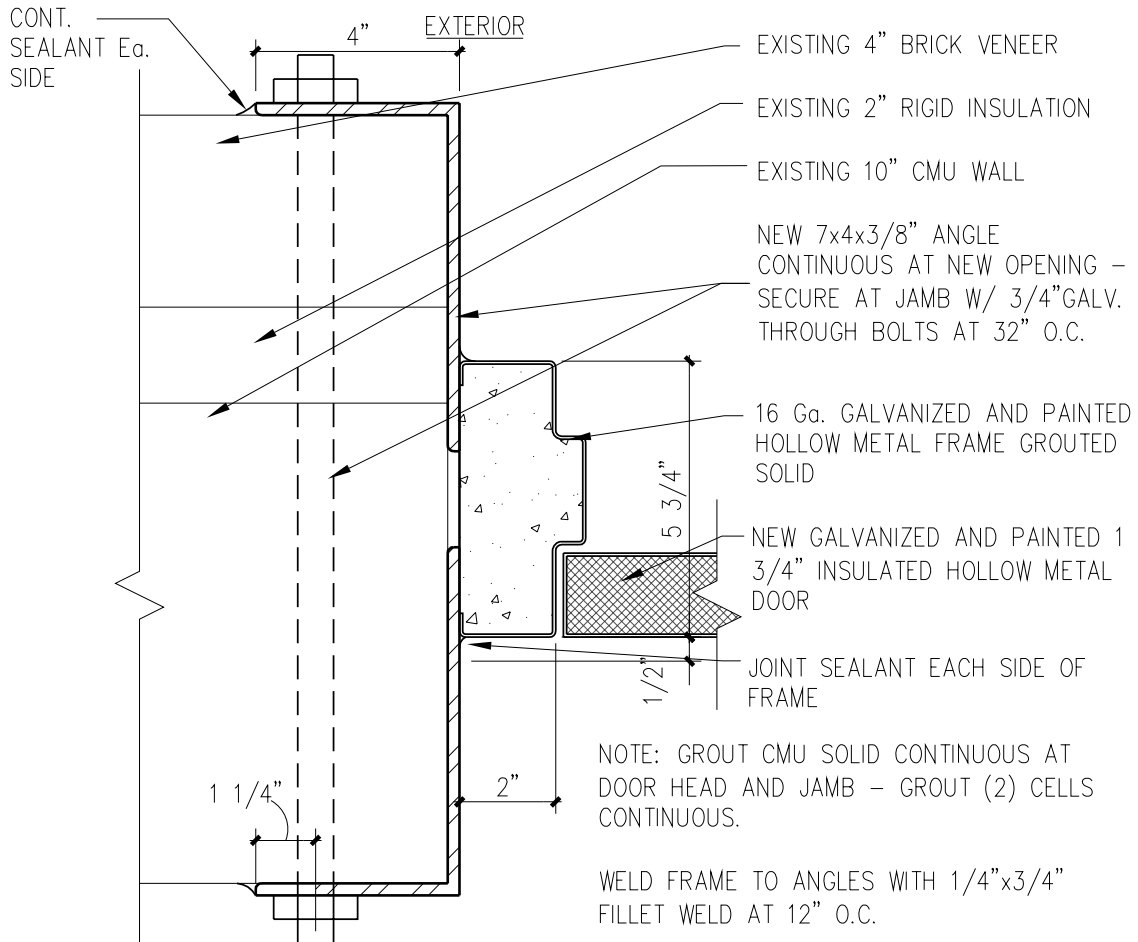
<b><u>Description</u></b>	<b><u>Manufacturer</u></b>
1. Make-up air unit	Greenheck Hastings HVAC, Inc.
2. Chiller	York TSI
3. Multizone Units	Temtrol Hunt-Air
4. Controls	Utah Controls
5. Ceiling exhaust fans	Carnes Twin City Acme
6. Roof exhaust fans	Carnes Twin City Breidert
7. Volume dampers	Greenheck Air-rite Pottorff
8. Motorized control dampers	Cesco Pottorff
9. Hot water unit heater	Rittling
10. VAV boxes	Kruegar
11. Drum Louvers	Anemostat
12. Spin Ins	Hercules
13. Flex duct	Anco Products, Inc.
14. Hydronic specialties, pumps, expansion tank, and air eliminator	Flo Fab

## Hardware Schedule:

### Doors: Exterior Mechanical Room

3	Hinges	T4A3386 4 1/2 X 4 1/2 NRP	32D	MC
1	Storeroom Lock/Exit	*28-10G04/8804 EXIT	26D	SA
1	Closer	351 CPS	EN	SA
1	Weather strip	2891 AS @ HEAD ONLY		PE
1	Weather strip	303 AS @ JAMBS		PE
1	Door Bottom	315 CN		PE

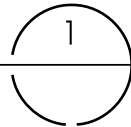
\* If the code requires an exit device than use the 8804, otherwise use the 28-10G04. Please match the existing buildings lever design and the cylinder must match the buildings existing key system.

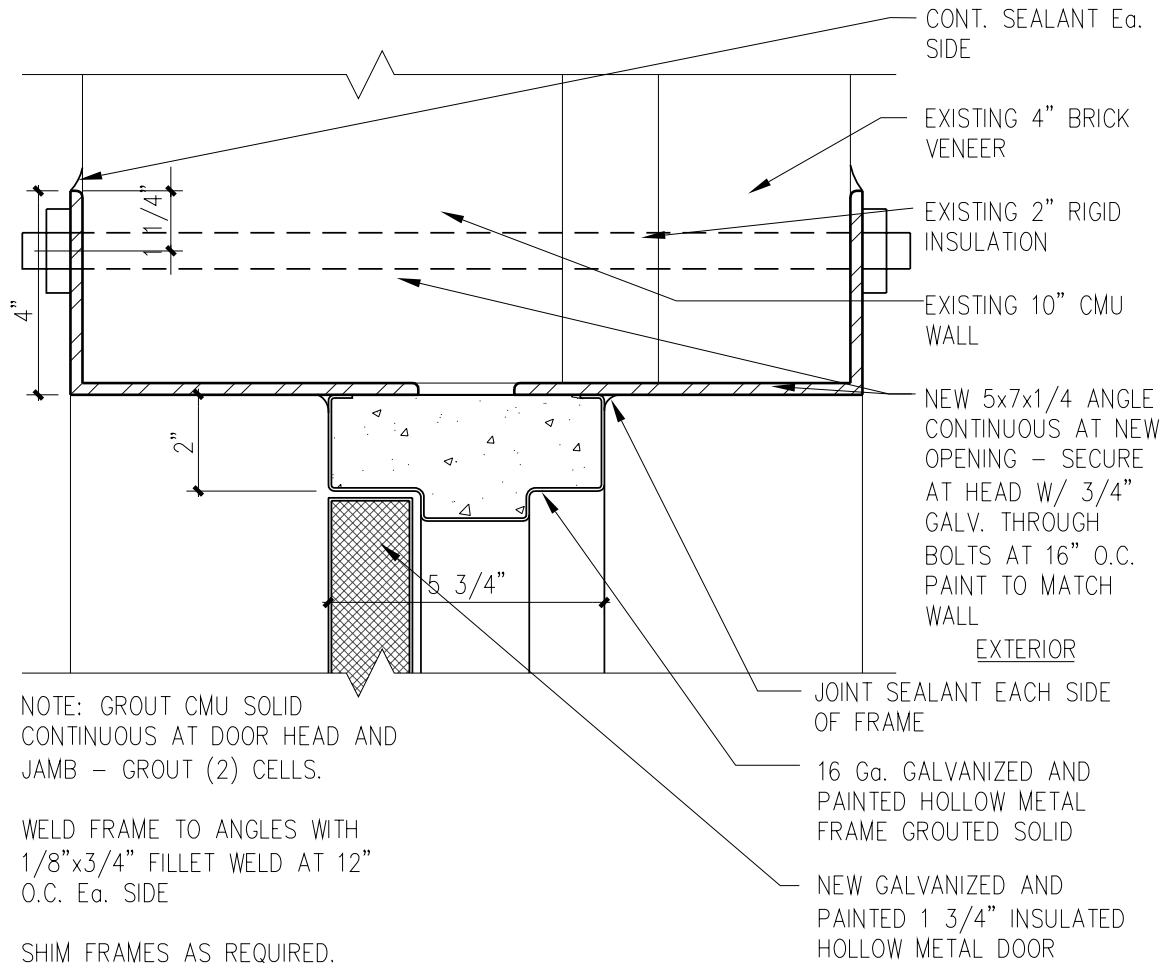


SHIM FRAMES AS REQUIRED.

## DOOR JAMB DETAIL

SCALE: 3" = 1'-0"

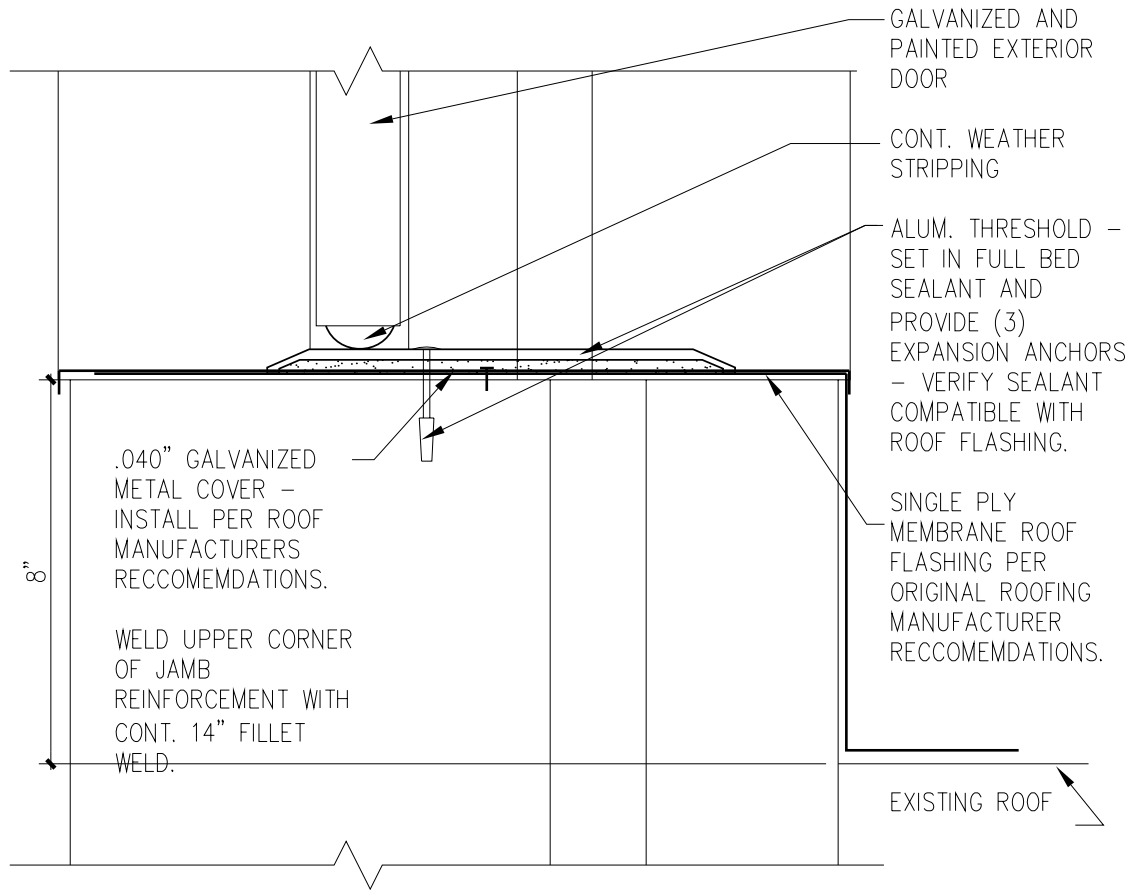




## DOOR HEAD DETAIL

SCALE: 3" = 1'-0"

2

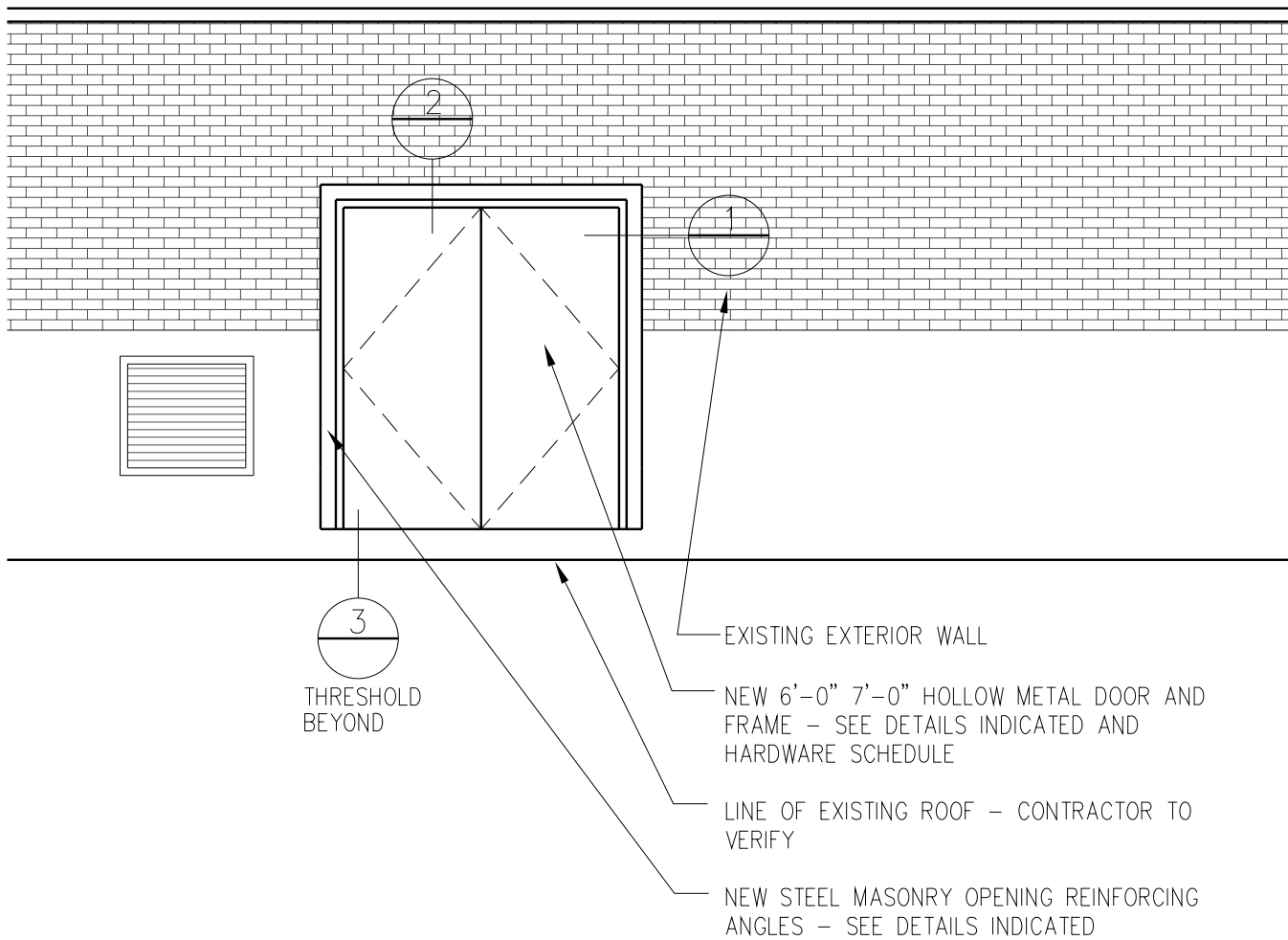


## THRESHOLD DETAIL

SCALE: 3" = 1'-0"

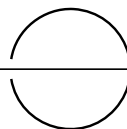
3

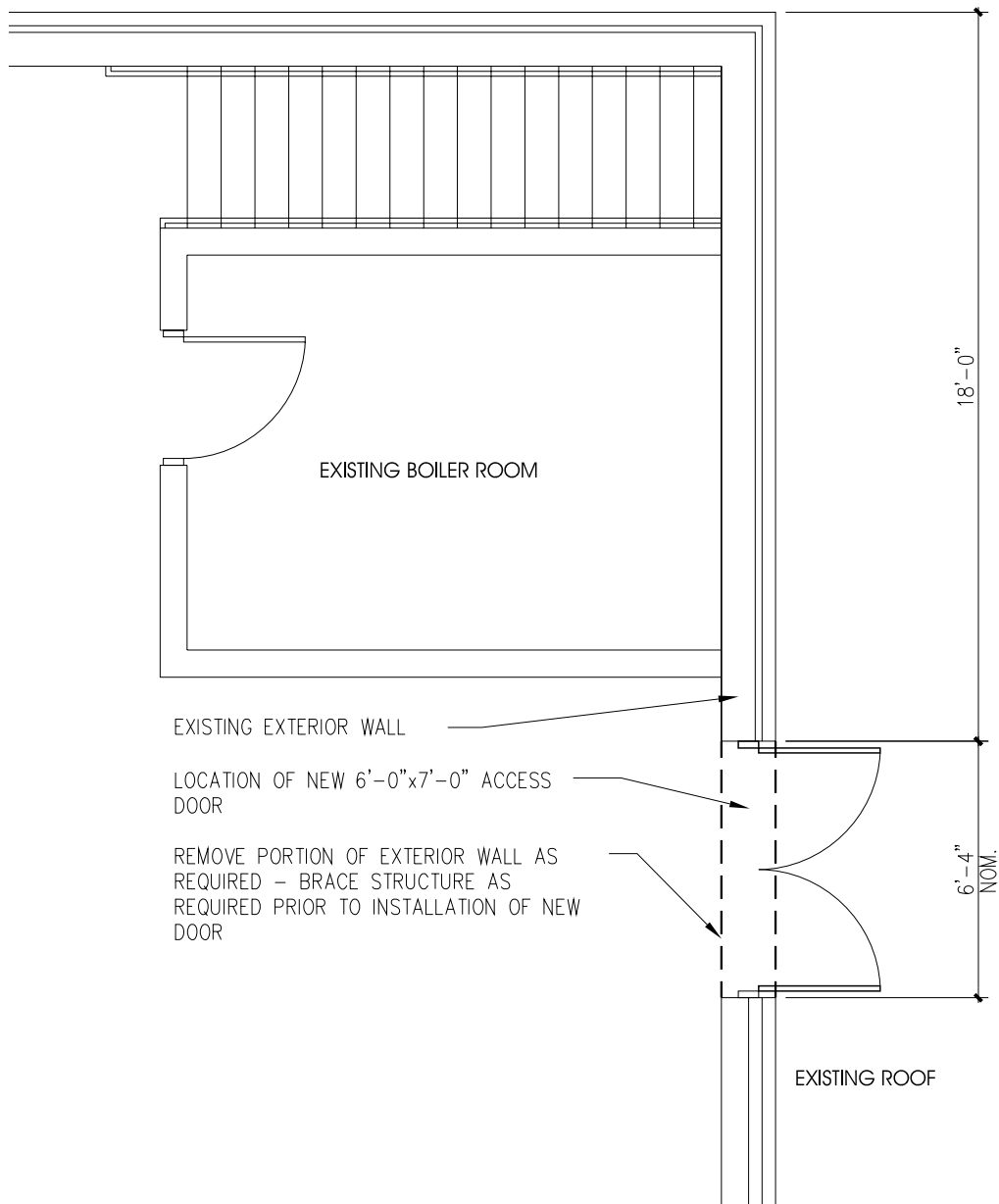




ELEVATION

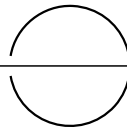
SCALE: 1/4" = 1'-0"





# FLOOR PLAN

SCALE: 1/4" = 1'-0"





STATE OF UTAH - DEPARTMENT OF ADMINISTRATIVE SERVICES

**Division of Facilities Construction and Management**

**DFCM**

**BID FORM – REVISED  
per Addendum No. 1  
dated March 6, 2006**

NAME OF BIDDER \_\_\_\_\_ DATE \_\_\_\_\_

To the Division of Facilities Construction and Management  
4110 State Office Building  
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the **HVAC SYSTEM UPGRADE – SOUTHWEST UTAH YOUTH CENTER – DIVISION OF JUVENILE JUSTICE SERVICES – CEDAR CITY, UTAH – DFCM PROJECT NO. 05128430** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: \_\_\_\_\_

**BASE BID:** For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) (In case of discrepancy, written amount shall govern)

**ADDITIVE ALTERNATE NO. 1:** To provide and install a new hot water generator, storage tank, pumps, and piping as shown on the drawings (see sheet MD102-B3 and MD401 for demolition of the existing generator and storage tank; see sheets ME401, ME502-A2 and M601 for new installation and schedule of new hot water generator system.), I/we agree to perform for the sum of:

\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) (In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete within **150 calendar days** after receipt of the Notice to Proceed, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$500.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

BID FORM

**DFCM FORM 1a 052505**

PAGE NO. 2

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of \_\_\_\_\_

The undersigned Contractor's License Number for Utah is \_\_\_\_\_.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization:

\_\_\_\_\_  
(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

\_\_\_\_\_  
\_\_\_\_\_

Respectfully submitted,

\_\_\_\_\_  
Name of Bidder

ADDRESS:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Authorized Signature